

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082019\
 Data File : VD063679.D
 Acq On : 20 Aug 2019 12:43
 Operator : JC/SY
 Sample : K4385-11RE
 Misc : 6.41g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T8-B-(0)RE

Quant Time: Aug 21 03:59:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

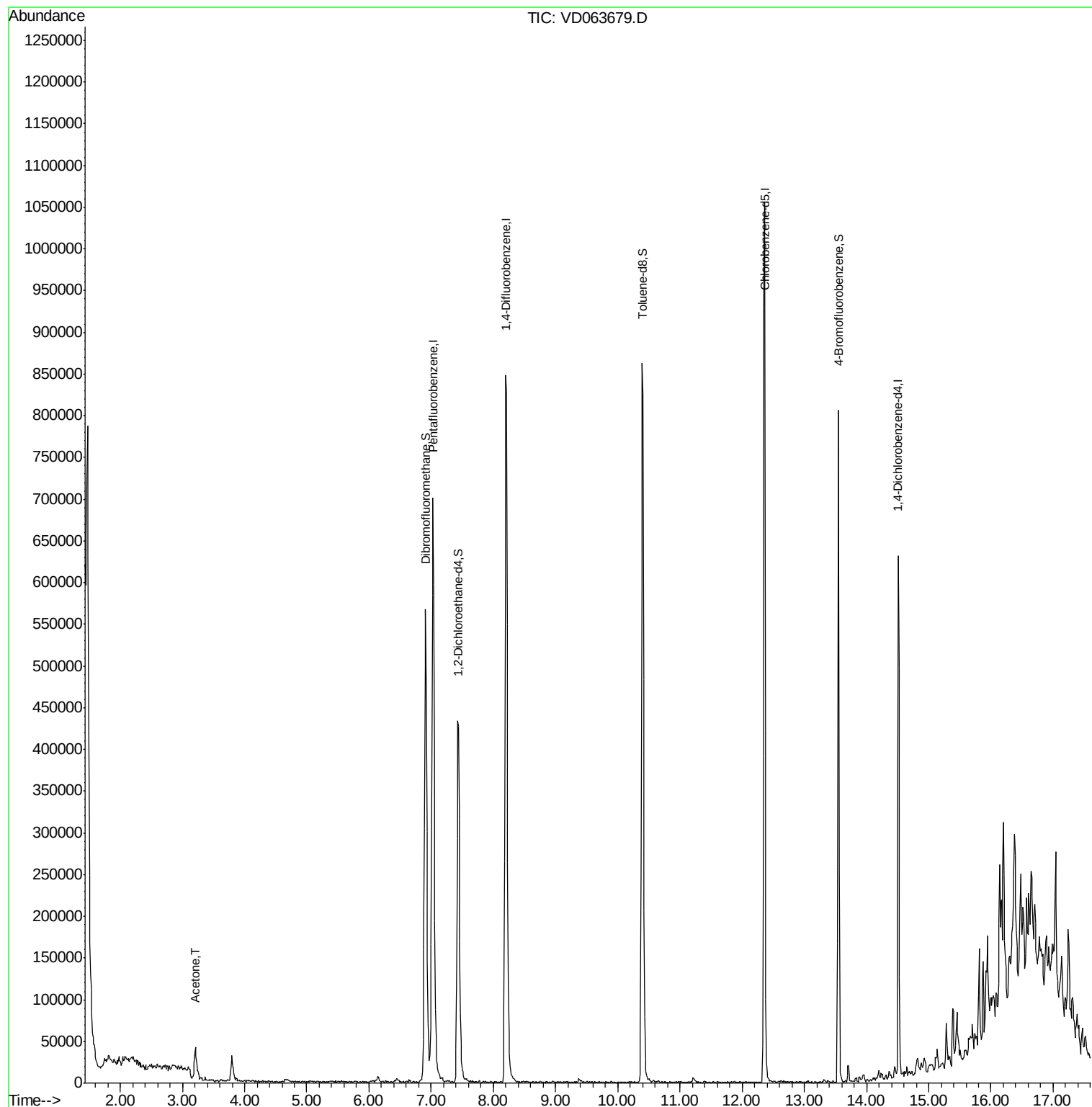
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	668796	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.21	114	966446	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	592976	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	139873	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	492415	68.88	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	137.76%	
35) Dibromofluoromethane	6.91	113	495648	60.89	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	121.78%	
50) Toluene-d8	10.39	98	749264	41.87	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	83.74%	
62) 4-Bromofluorobenzene	13.54	95	233621	28.80	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	57.60%	
Target Compounds						
16) Acetone	3.21	43	69980	48.155	ug/l #	Qvalue 87

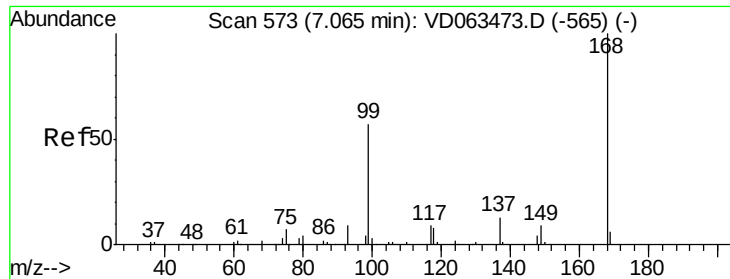
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.04 min

Lab File: VD063679.D

Acq: 20 Aug 2019 12:43

Instrument :

MSVOA_D

ClientSampleId :

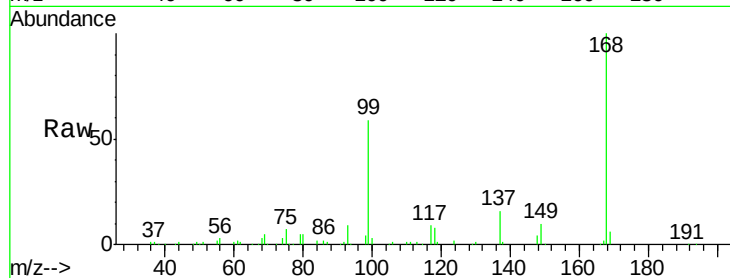
T8-B-(0)RE

Tot Ion:168 Resp: 668796

Ion Ratio Lower Upper

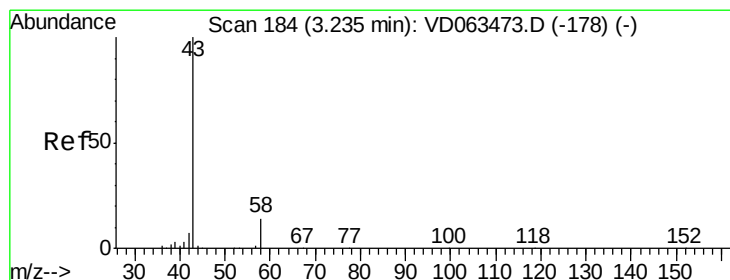
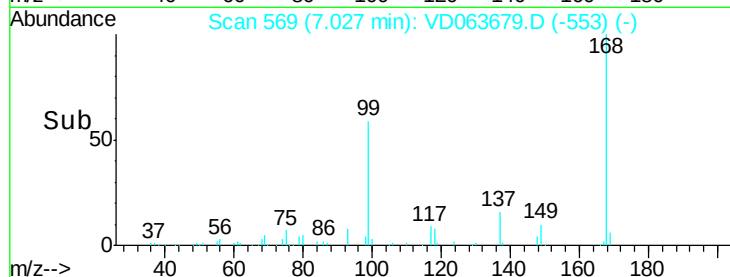
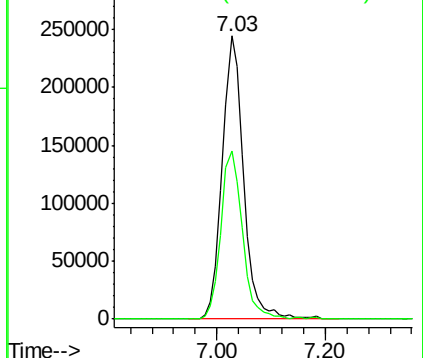
168 100

99 59.4 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 48.155 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.03 min

Lab File: VD063679.D

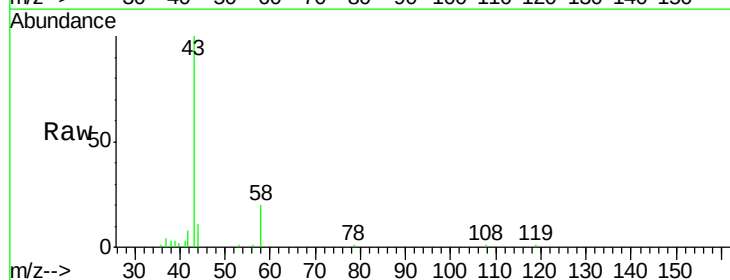
Acq: 20 Aug 2019 12:43

Tgt Ion: 43 Resp: 69980

Ion Ratio Lower Upper

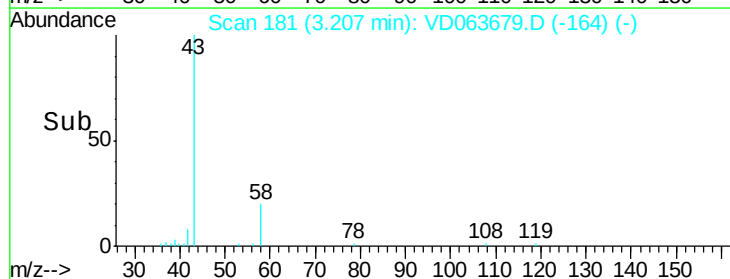
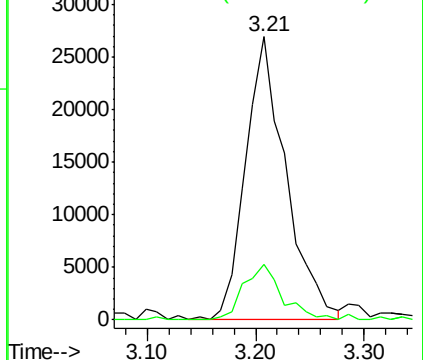
43 100

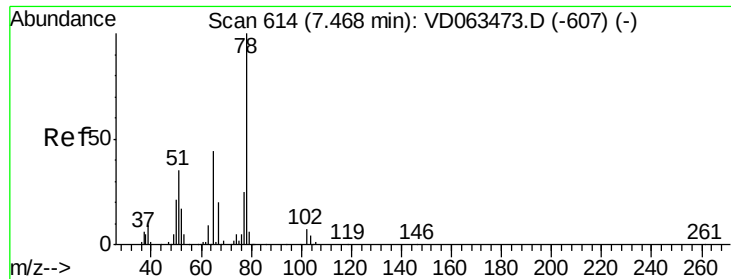
58 19.6 11.4 17.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

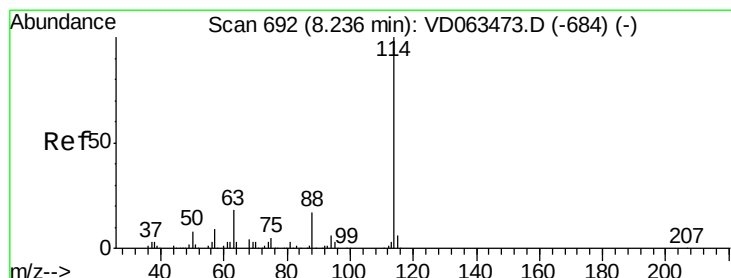
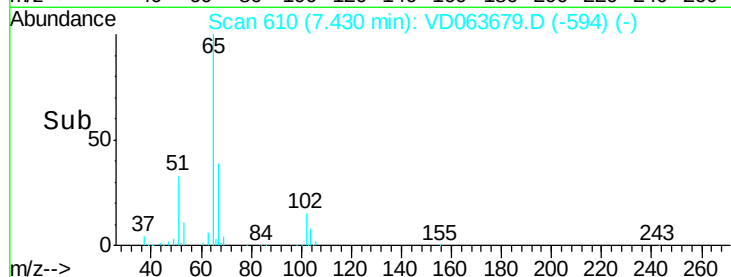
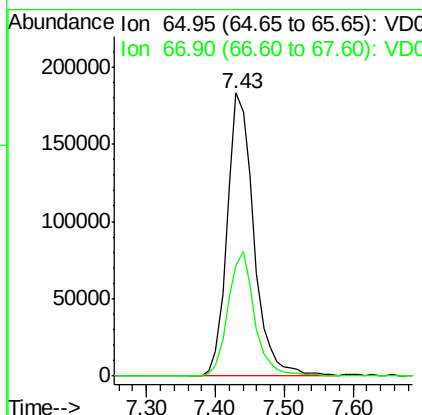
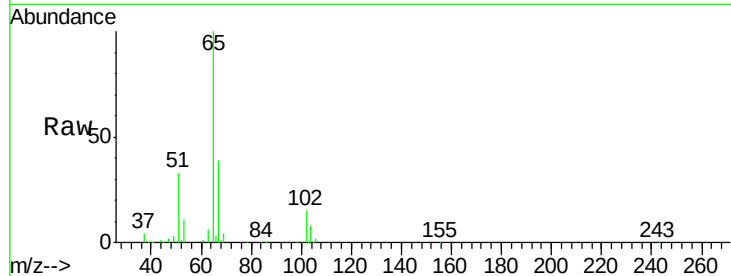




#33
 1,2-Dichloroethane-d4
 Concen: 68.880 ug/l
 RT: 7.43 min Scan# 610
 Delta R.T. -0.04 min
 Lab File: VD063679.D
 Acq: 20 Aug 2019 12:43

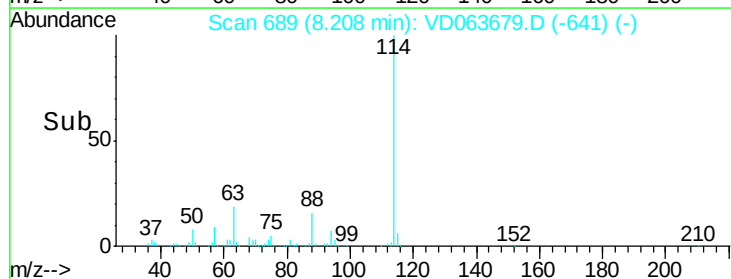
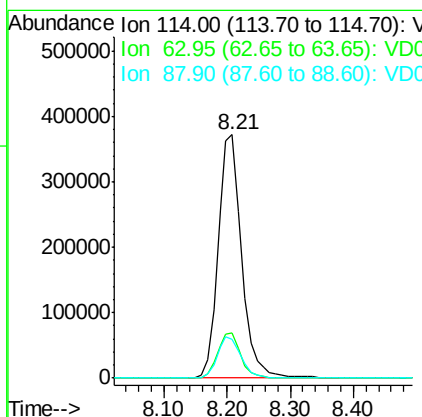
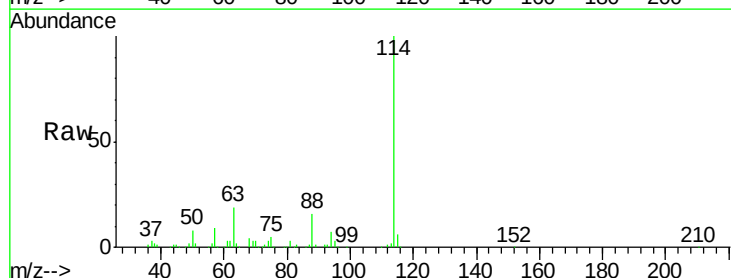
Instrument :
 MSVOA_D
 ClientSampleId :
 T8-B-(0)RE

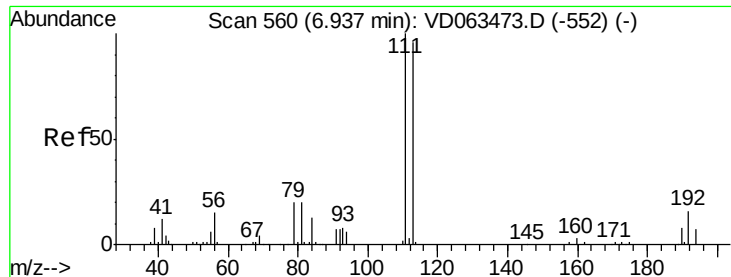
Tot Ion: 65 Resp: 492415
 Ion Ratio Lower Upper
 65 100
 67 39.3 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.03 min
 Lab File: VD063679.D
 Acq: 20 Aug 2019 12:43

Tgt Ion: 114 Resp: 966446
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 36.2
 88 16.0 0.0 35.0





#35

Dibromofluoromethane

Concen: 60.894 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.03 min

Lab File: VD063679.D

Acq: 20 Aug 2019 12:43

Instrument :

MSVOA_D

ClientSampleId :

T8-B-(0)RE

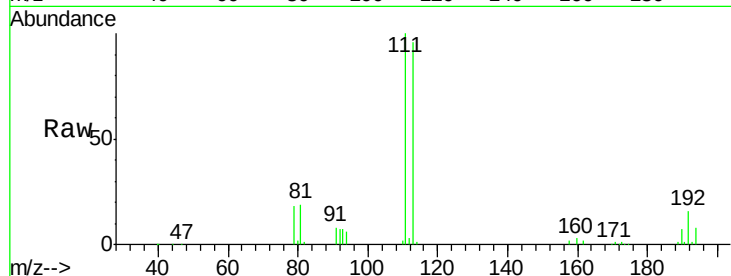
Tot Ion:113 Resp: 495648

Ion Ratio Lower Upper

113 100

111 104.6 83.1 124.7

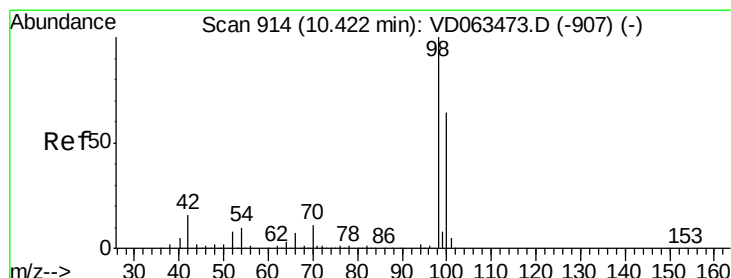
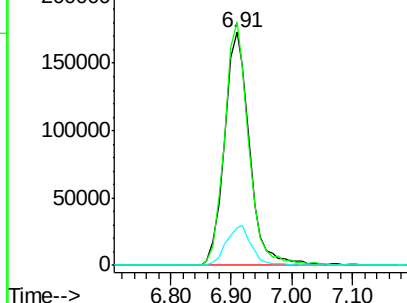
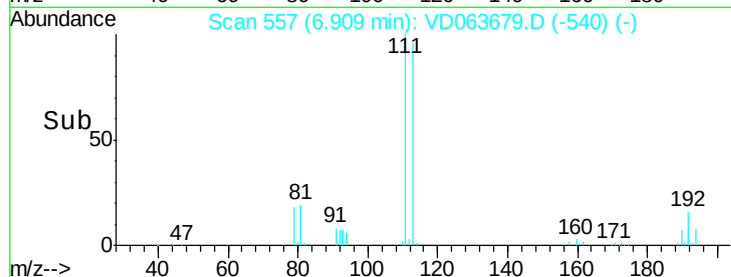
192 16.2 13.1 19.7



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#50

Toluene-d8

Concen: 41.870 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.03 min

Lab File: VD063679.D

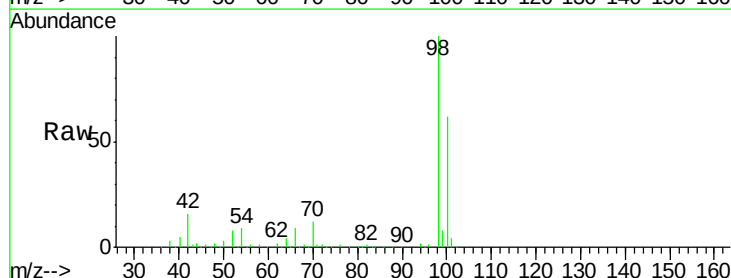
Acq: 20 Aug 2019 12:43

Tgt Ion: 98 Resp: 749264

Ion Ratio Lower Upper

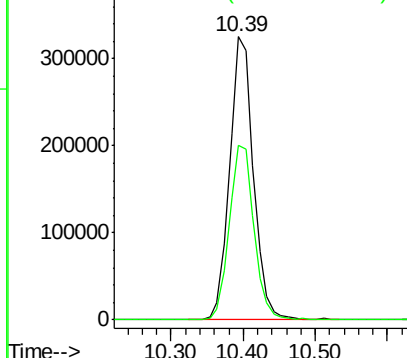
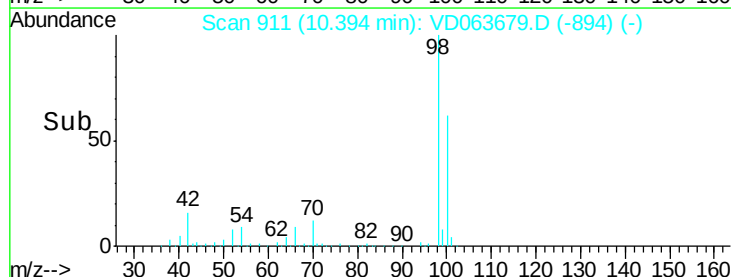
98 100

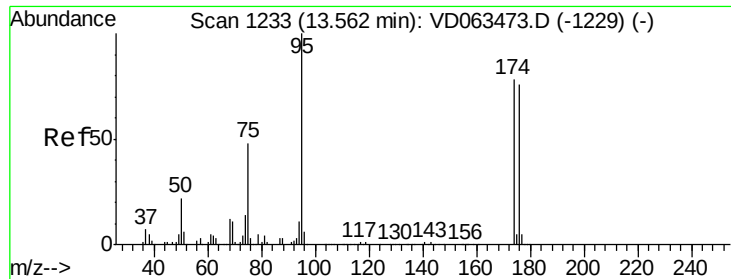
100 61.6 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

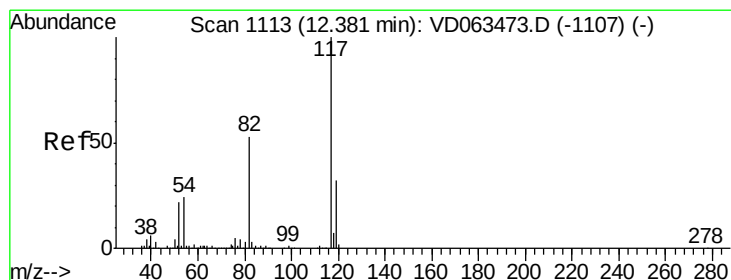
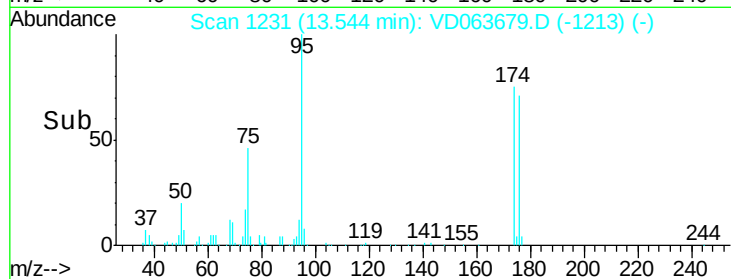
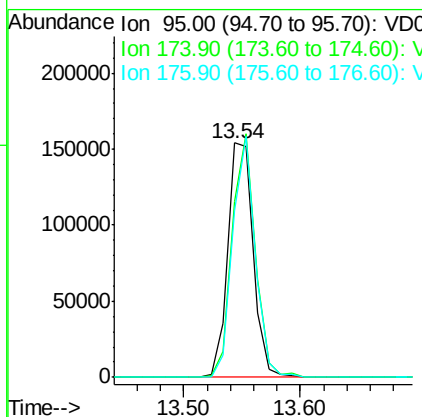
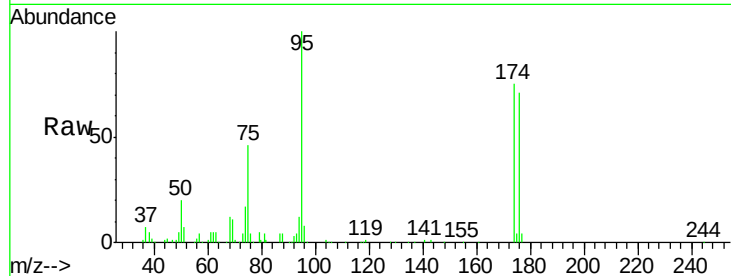




#62
4-Bromofluorobenzene
Concen: 28.804 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.02 min
Lab File: VD063679.D
Acq: 20 Aug 2019 12:43

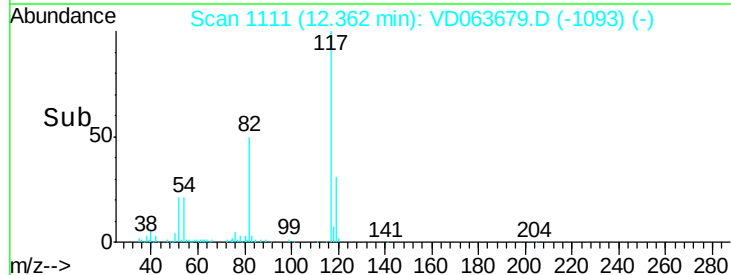
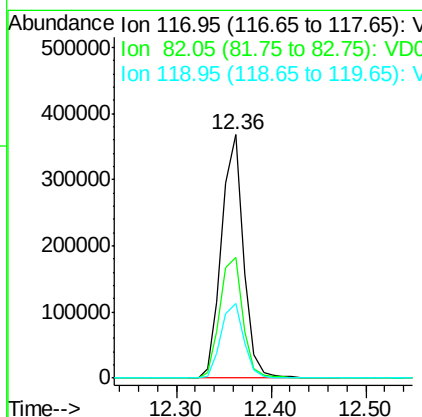
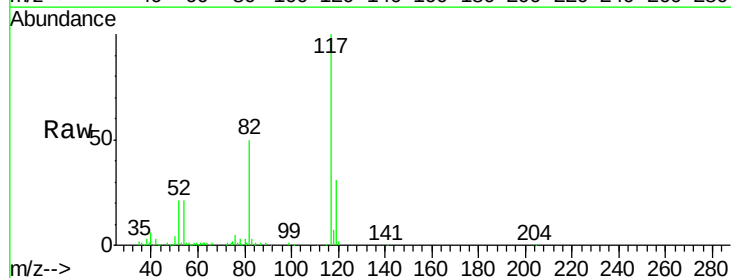
Instrument :
MSVOA_D
ClientSampleId :
T8-B-(0)RE

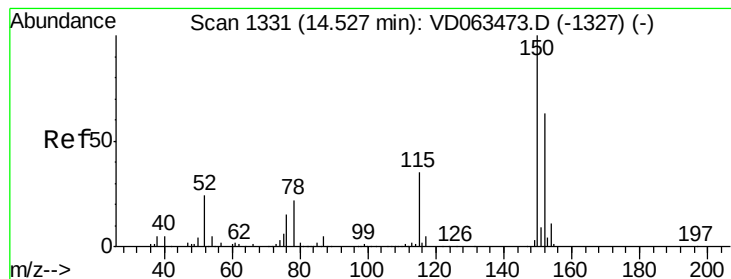
Tot Ion: 95 Resp: 233621
Ion Ratio Lower Upper
95 100
174 75.1 0.0 155.4
176 71.0 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063679.D
Acq: 20 Aug 2019 12:43

Tgt Ion: 117 Resp: 592976
Ion Ratio Lower Upper
117 100
82 49.7 42.0 63.0
119 30.9 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1329

Delta R.T. -0.02 min

Lab File: VD063679.D

Acq: 20 Aug 2019 12:43

Instrument :

MSVOA_D

ClientSampleId :

T8-B-(0)RE

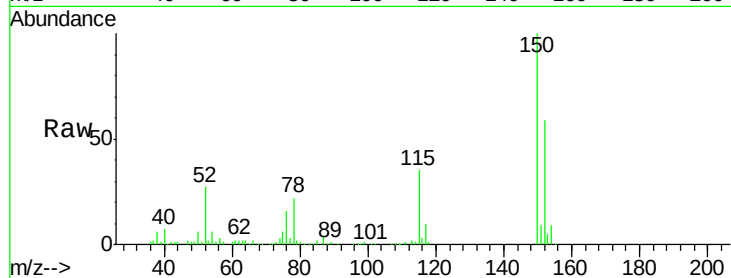
Tot Ion:152 Resp: 139873

Ion Ratio Lower Upper

152 100

115 60.3 30.9 92.7

150 170.4 0.0 318.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V

